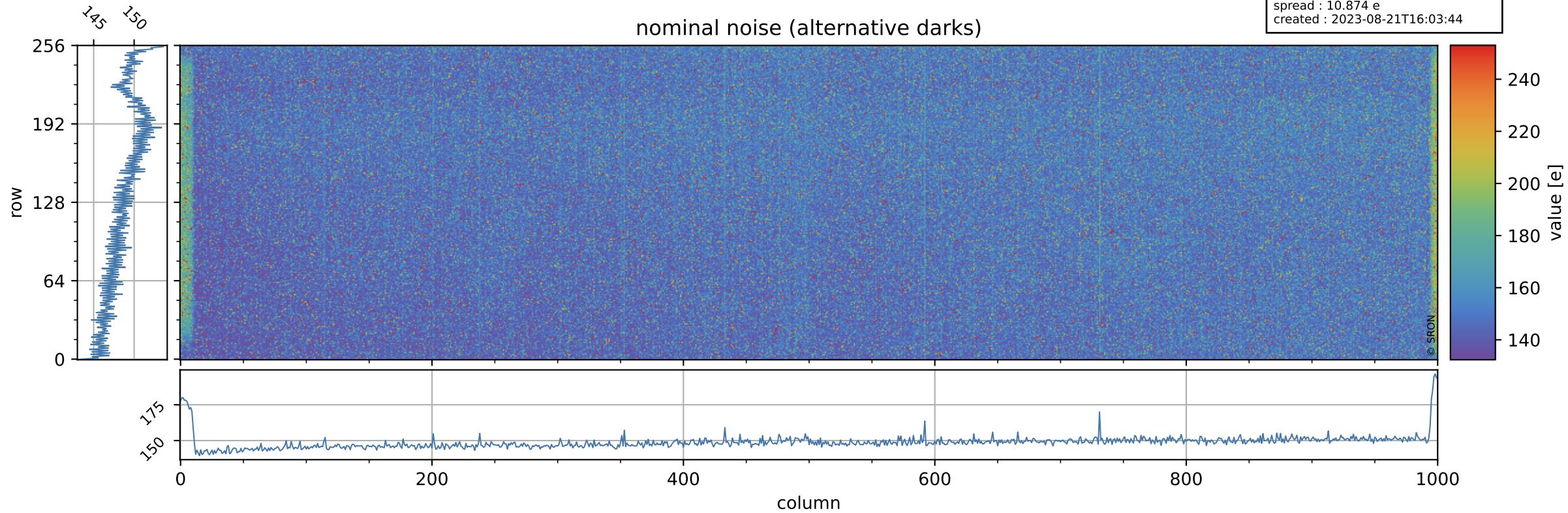


Tropomi SWIR background noise (swir)

orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.874 e
created : 2023-08-21T16:03:44

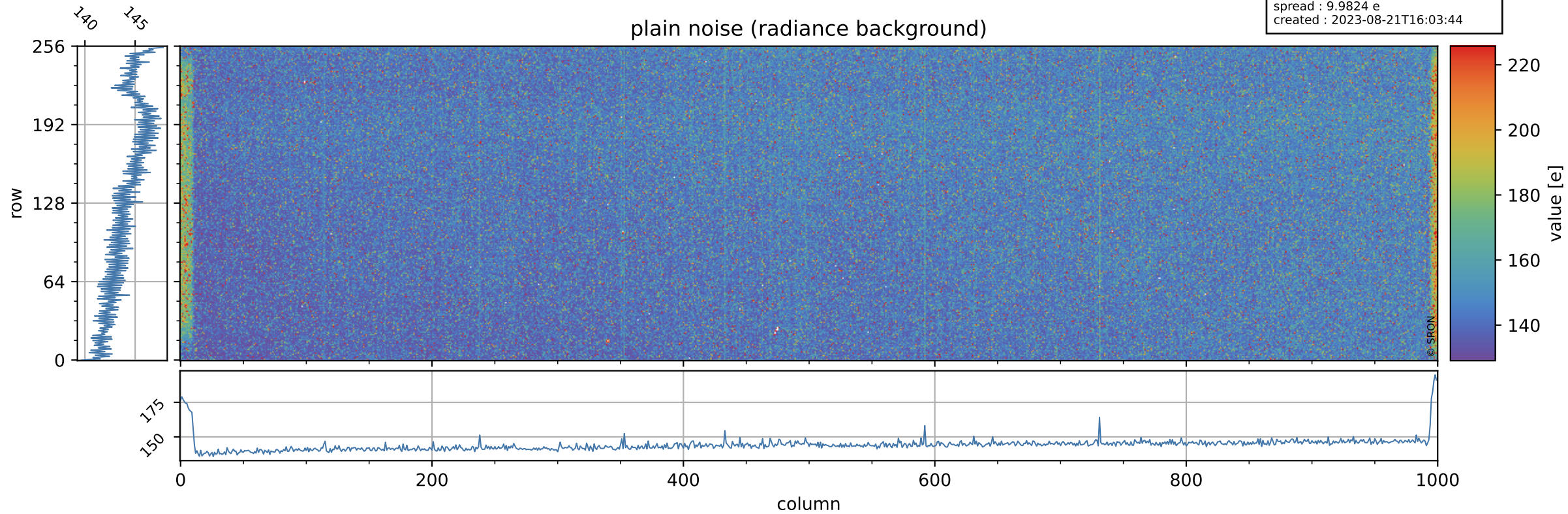
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
n_coad, t_exp : 1, 0.8383
median : 144 e
spread : 9.9824 e
created : 2023-08-21T16:03:44

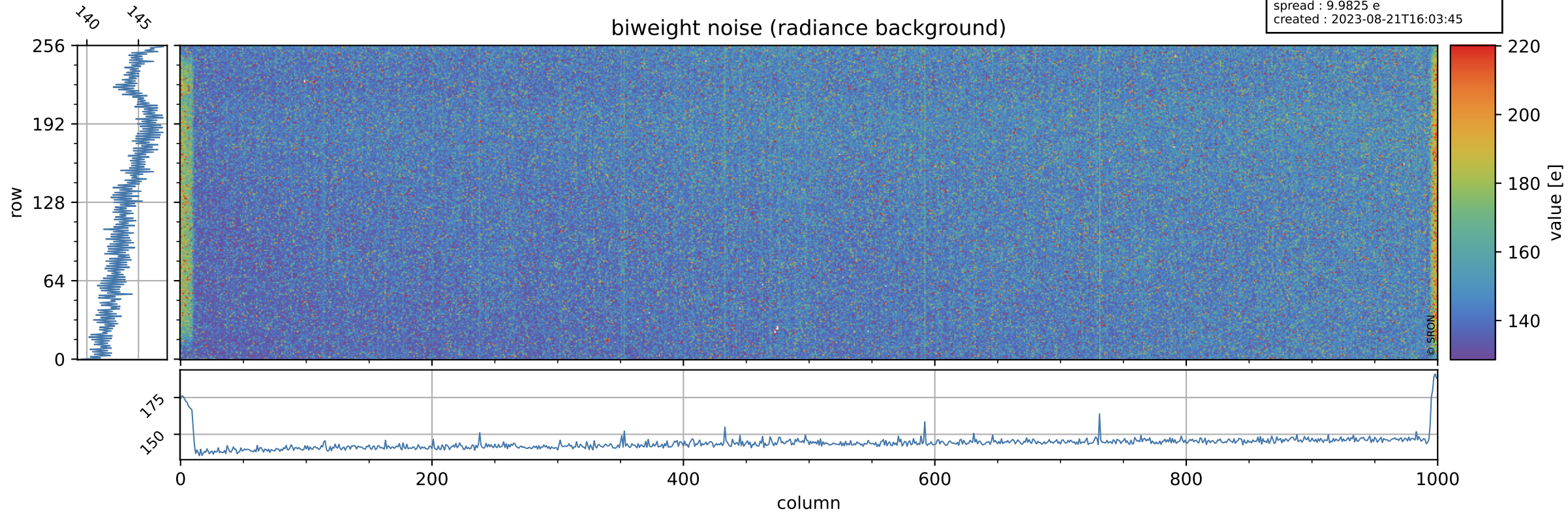
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9825 e
created : 2023-08-21T16:03:45

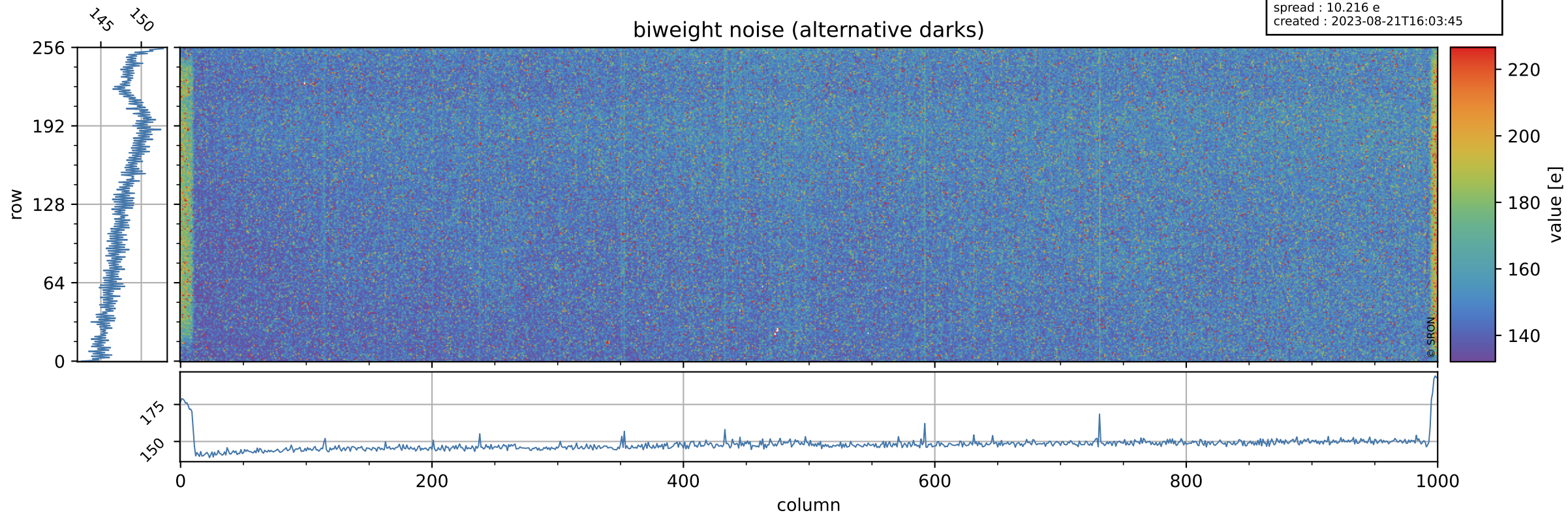
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.216 e
created : 2023-08-21T16:03:45

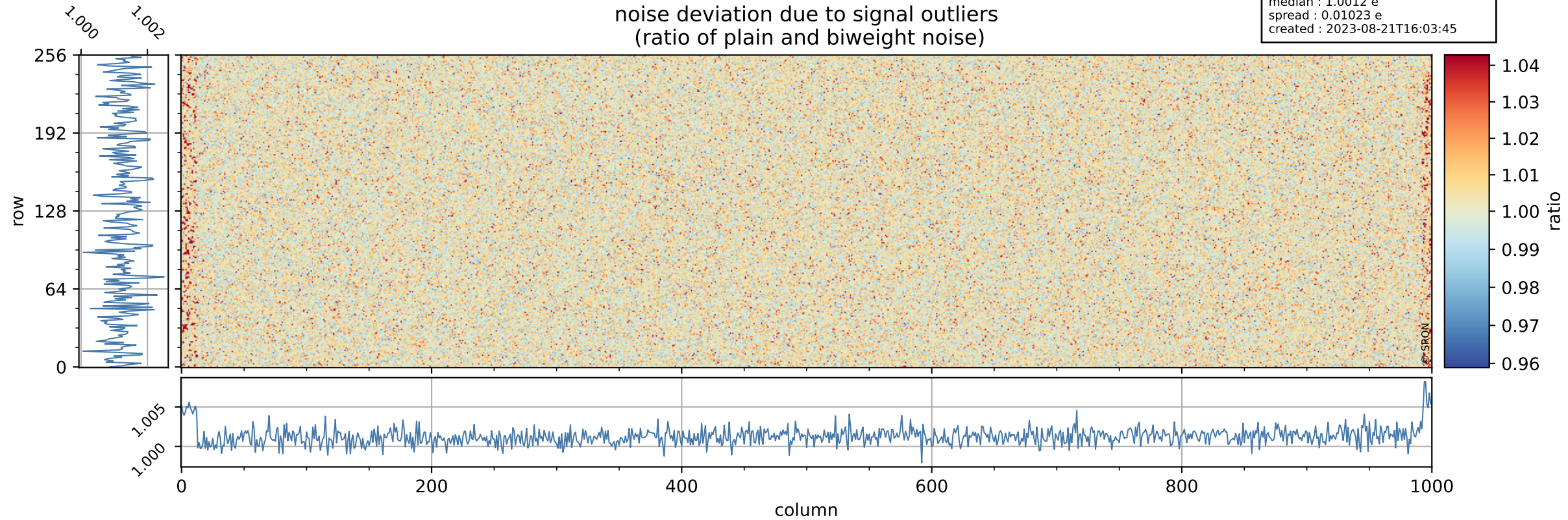
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

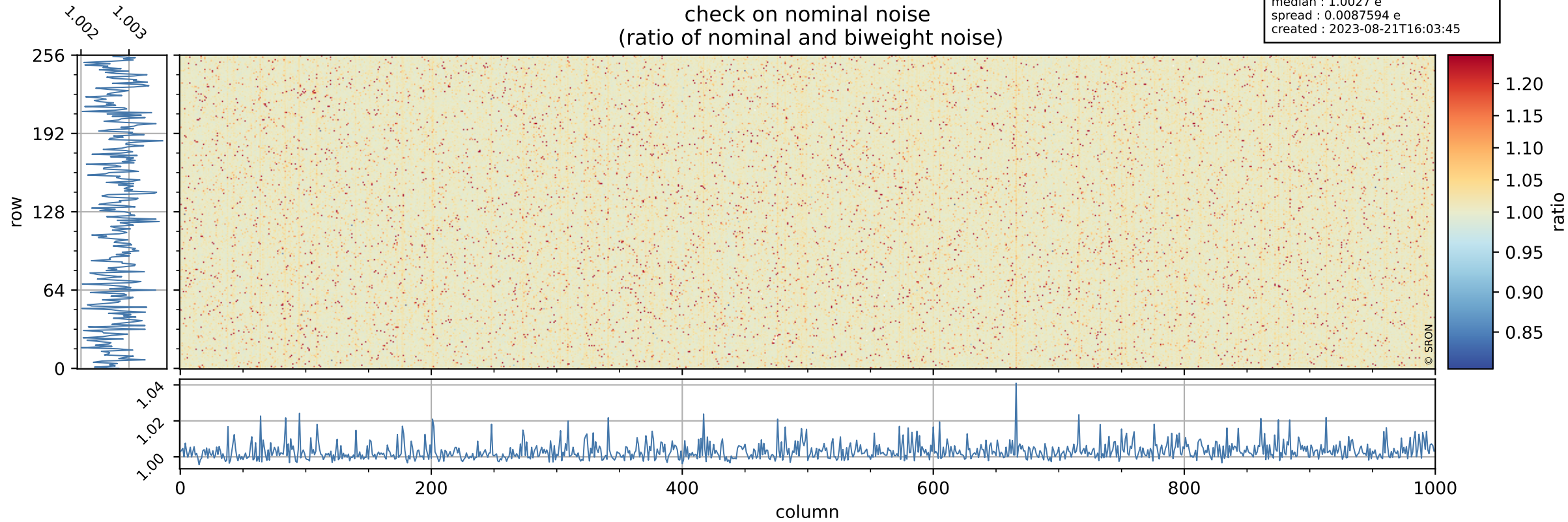
orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
median : 1.0012 e
spread : 0.01023 e
created : 2023-08-21T16:03:45



Tropomi SWIR background noise (swir)

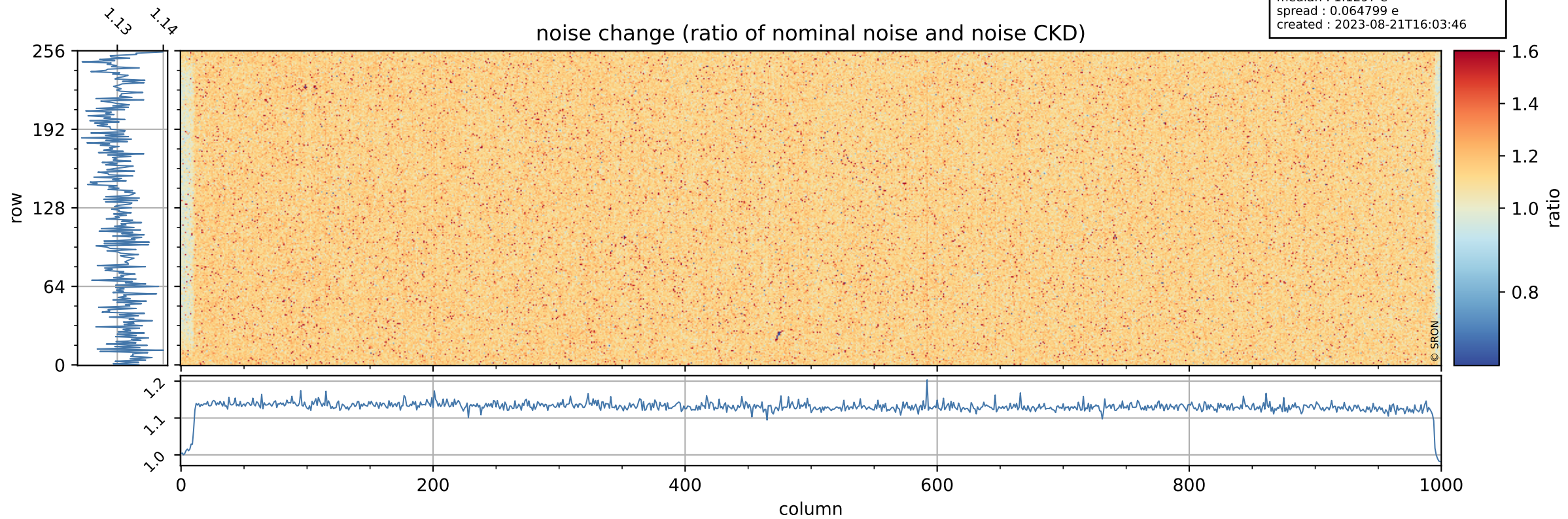
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
median : 1.0027 e
spread : 0.0087594 e
created : 2023-08-21T16:03:45



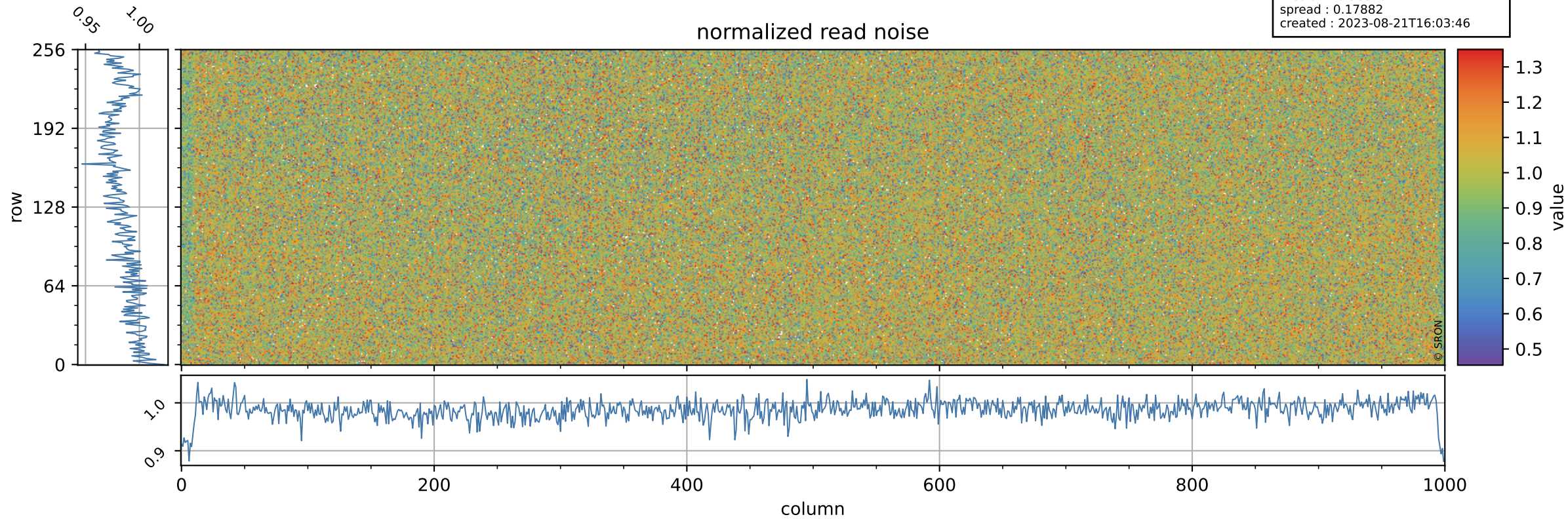
Tropomi SWIR background noise (swir)

orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
median : 1.1297 e
spread : 0.064799 e
created : 2023-08-21T16:03:46



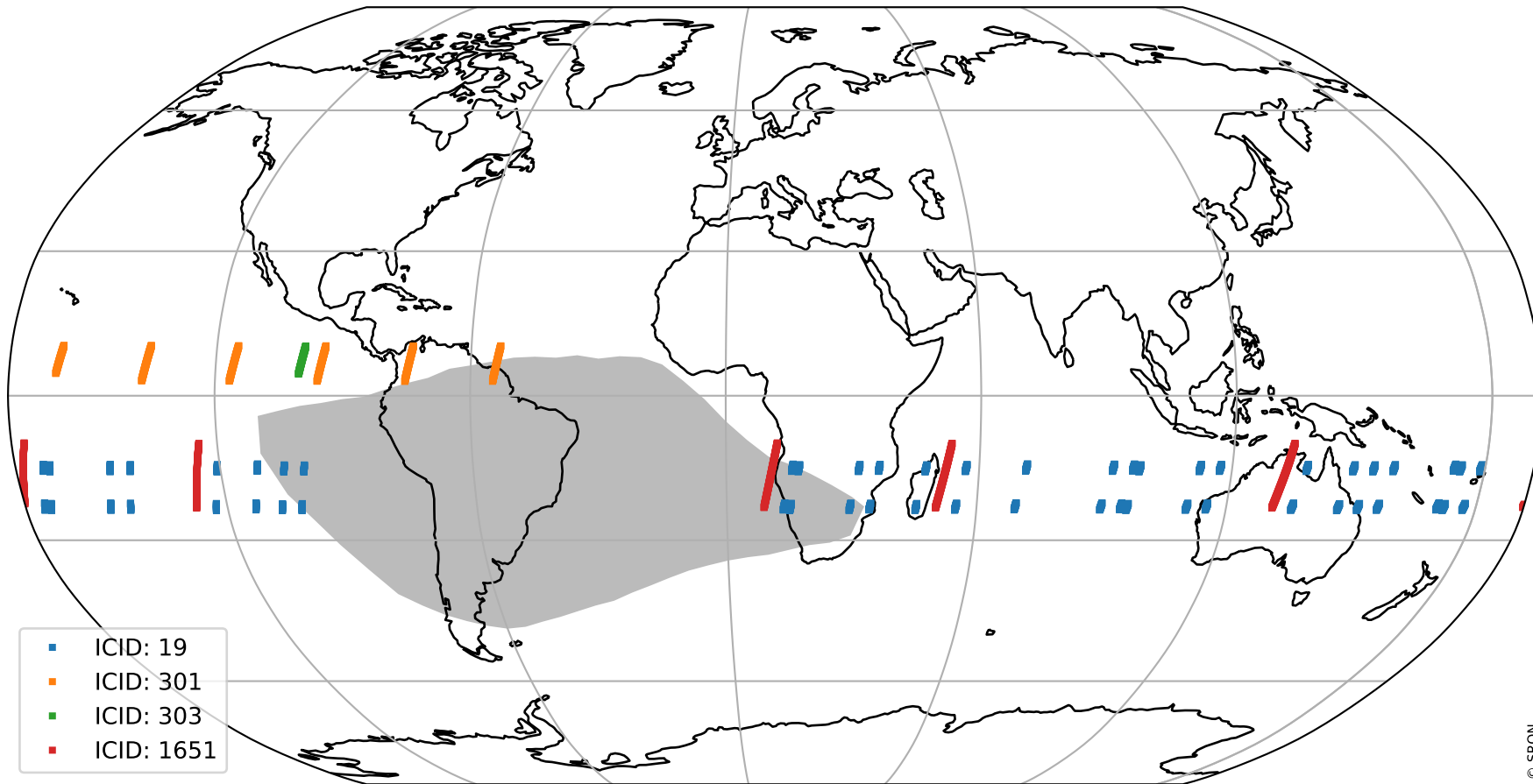
Tropomi SWIR background noise (swir)

orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
median : 0.98379
spread : 0.17882
created : 2023-08-21T16:03:46



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

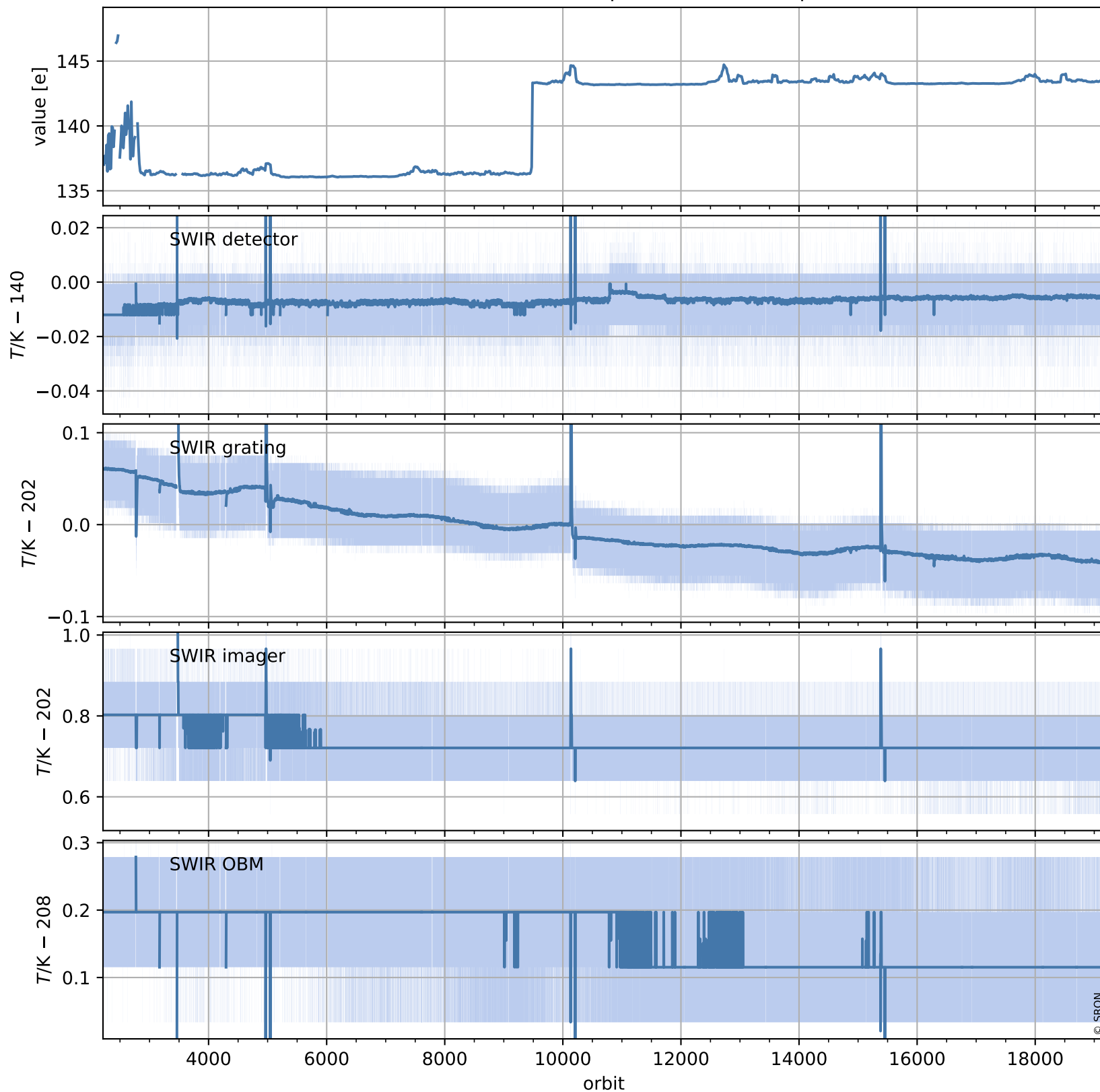
orbits : 12 in [19102, 19177]
coverage : 2021-06-20 / 2021-06-25
created : 2023-08-21T16:03:47



Tropomi SWIR background noise (swir)

orbits : [2212, 19177]
coverage : 2018-03-18 / 2021-06-25
created : 2023-08-21T16:03:47

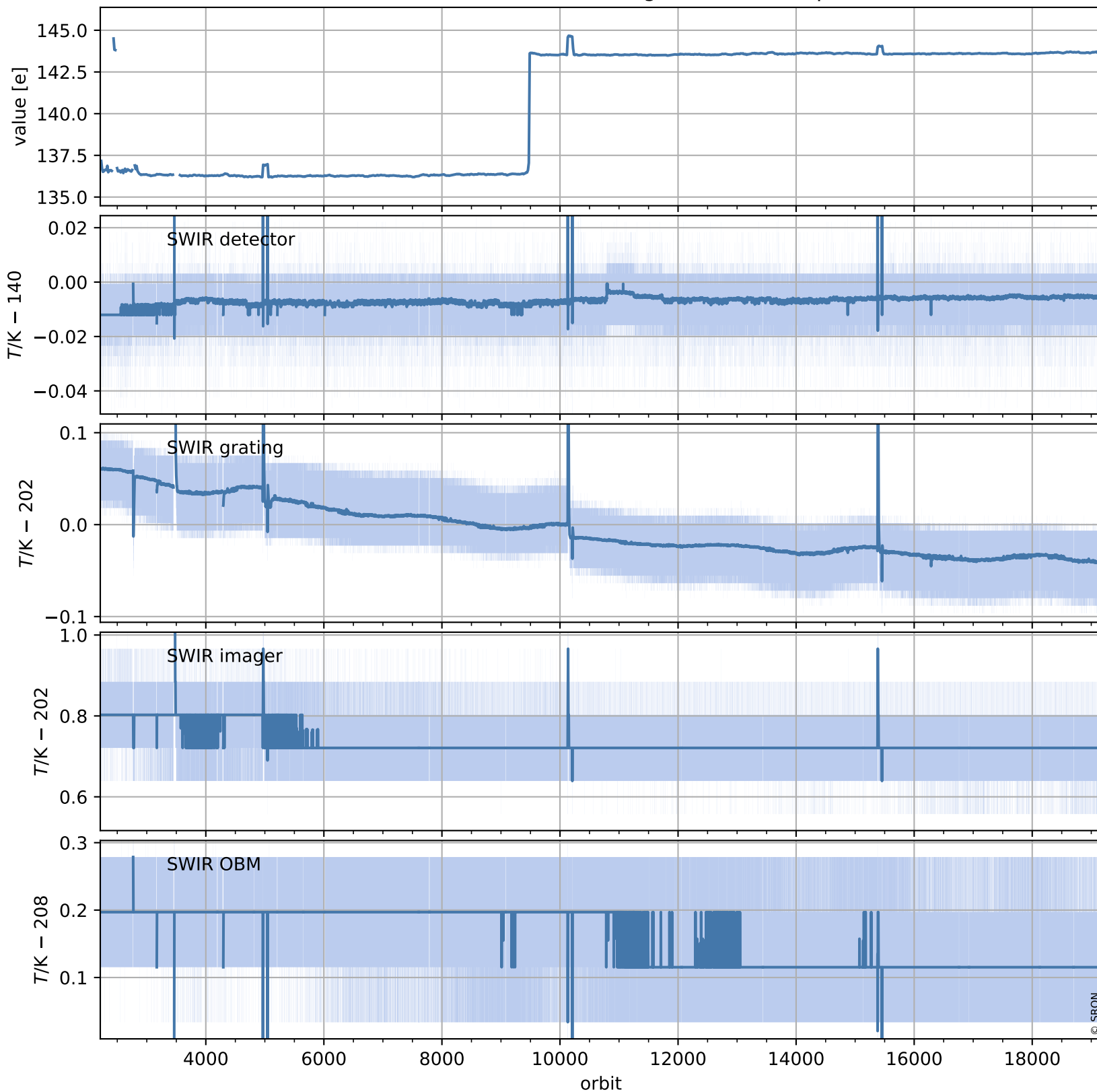
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19177]
coverage : 2018-03-18 / 2021-06-25
created : 2023-08-21T16:03:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19177]
coverage : 2018-03-18 / 2021-06-25
created : 2023-08-21T16:03:49

trend of normalized read-noise & temperatures

